



(19)

(11) Publication number: 1

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 10131478

(51) Intl. Cl.: A23L 1/05

(22) Application date: 14.05.98

(30) Priority:		(71) Applicant: NISSHIN OIL MILLS LTD:
(43) Date of application publication:	24.11.99	(72) Inventor: FUTAMURA YOSHITAKE INATA JUNICHI TERUI YUKO
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(54) XANTHAN GUM-CONTAINING FLUID FOOD

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain the subject food useful for persons suffering from disorders in swallowing functions such as a soft drink or a soup capable of being uniformly mixed simply by directly adding thereof to a liquid food and stirring the resultant mixture in order to make the liquid food viscous and imparting a moderate viscosity thereto by including a specific highly viscous xanthan gum therein.

SOLUTION: This food is useful as a fluid food for persons suffering from disorders in swallowing functions and contains (B) a highly viscous xanthan gum capable of manifesting 4,000-25,000 Pa.s viscosity (η) measured by using a Brookfield type viscometer at 25°C temperature and 6 r.p.m. rotational frequency when converted into (A) an aqueous solution at 0.5 wt.% concentration expressed in terms of the xanthan gum concentration (preferably the one capable of reducing the viscosity η by $\approx 3,000$ mPa.s when further heating the aqueous solution A at 120°C for 3 h).

For example, the gum B is prepared by heating the xanthan gum having =50 wt.% drying loss when dried at 105°C under atmospheric pressure for 5 h in an inert solvent without dissolving the xanthan gum or an inert gas at 100-140°C temperature for =30 min.

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